

OTC Control Strategy Committee Meeting - October 5, 2005

Control Measure Name	Control Measure description	Affected Pollutants
Institutional, Commercial, Industrial Boiler RACT		NOx, SOx, PM
Cement Kiln RACT		NOx, PM
MWC RACT		NOx, SOx, PM
DG (small diesel generators - on or off grid)		NOx, SOx, PM
Peaking Units	peak day controls	NOx, SOx, PM
Refinery RACT	measures as defined by MARAMA	NOx, SOx, VOC
Clean Corridors	retrofit, anti-idling, truck stop electricification, APUs	NOx, SOx, PM
Regional Fuel	regional RFG	VOC, Nox
Reduced Sulfur Home Heating Oil	lower sulfur diesel for homes and businesses	PM, SOx
Cutback asphalt & emulsified sealer	year-round ban, low emulsified limits	VOC
Arch. Indust. Maintenance CoatingsPhase II	South Coast Air Quality Mgmt District (SCAQMD) levels and categories	VOC
Consumer Products Phase II	SCAQMD levels and categories	VOC
Open Burning	regional ban	PM, VOC
Residential Wood Burning	stove trade-outs, controls	PM, VOC
OTC Multi-Pollutant Program	NOx and SOx cap beyond CAIR	NOx, SOx, PM

Control Measure	Affected Sources	Pollutant Affected			
		NO <sub>x</sub>	VOC	SO <sub>2</sub>	PM-2.5
Combustion Area Source Control Measure List					
Boiler RACM	Small, mid-size, and large industrial/commercial/institutional/residential boilers - all fuel types $\geq$ 0.75 MMBTU/hr).	X			X
Furnace RACM	Addresses process heaters and dryers (all fuels) used for printing, annealing, mineral drying etc.	X			X
Mineral products manufacture RACM	Asphalt plants, concrete batch plants, limestone and stone quarrying/crushing, and sand and gravel operations.	X			X
Distributed Generation	Includes ICE electric generating units and micro turbines (generally 5 MW or less in size).	X		X	X
Open burning - ban burn barrels	All nonagricultural and forest management open burning sources.	X	X	X	X

### Stationary Combustion Source Measure List

MWC RACT	Municipal waste combustors	X		X	X
Industrial/Commercial (IC) Engine RACT	Mineral Process Industries, Generator Sets	X		X	X
Boiler RACT	Small and mid-size industrial/commercial boilers ( $\geq 0.75$ MMBTU/hr).	X		X	
Furnace RACT	Addresses natural gas-fired process heaters and dryers in multiple SCC's used for printing, annealing, mineral drying etc.	X			
Mineral products manufacture RACT (Possibly limit to asphalt processing, glass, cement and lime manufacturing)	SCC 305. Includes manufacturers of asphalt, cement, brick, concrete, fiberglass, glass, lime; stone quarrying/crushing; and sand and gravel operations.	X		X	X
Emissions reductions for distributed generators	Small electric generating units (<15 or 25 MW). Many existing units are diesel generators. Some participate in the ISO demand response program and supply the grid; others supply a facility in times of peak demand.	X		X	X
Peaking unit NOx reductions on ozone action days	ICE and jet engines that generate <25MW and have very high NOx emissions. Many of these engines participate in an ISO demand response program and run when called on by the ISO.	X			
Energy efficiency and conservation measures	Existing buildings. Measures reduce electric requirements and thereby limit the need for additional small distributed generators.	X		X	X
Primary and Secondary Metals	Iron and Steel Production operations including coke production, ore sintering, and refining; other primary and secondary metals including primary and secondary aluminum operations.	X	X	X	X

### VOC Point Source Control Measures List

Surface Coating Operations	various manufacturers performing surface coating operations		x		
Pulp and Paper and Wood Products	Includes all paper manufacturers including those not covered in the Federal NESHAP rule		x		
Petroleum Refineries	petroleum refineries		x		
Pharmaceutical Manufacturing	pharmaceutical plants		x		
Chemical Manufacturing			x		
Printing/Publishing			x		
Biofiltration of tanks	Storage Tanks		X		
Effluent Stripping	POTW		X		
More VOC control in process and tank vents	Refineries		X		

### VOC Area Source Control Measure List

Restrict VOC content to 25 g/l	Solvent Cleaning and Degreasing		X		X
Changeout program or accelerate the use of new portable fuel containers	Portable Fuel Containers		X		
California reactivity-based regulations	Aerosol Paints		X		
Ban cut back asphalt	Cut back asphalt		X		
Ban VOC-containing pesticides on high ozone days	Pesticides		X		

Use of low or no VOC materials (RACT Level controls for small graphic arts sources)	Graphic Arts		X		
Set limits for VOC content of industrial adhesives	Industrial Adhesives		X		
	Bakeries (non-major source)		X		
Addition of trees to parking lots to keep cars cool on hot days	Parking Lots		X		
Increase the frequency of inspections to once per year & improve quality	Stage II Vapor Recovery at gasoline dispensing stations		X		
	Stationary Source Fuel Combustion- Residential	X	X		
	Solvent Utilization: consumer, commercial, and industrial		X		
add categories, decrease solvent content	AIM Coatings		X		
add categories, decrease solvent content	Consumer Products		X		
	Gasoline Dispensing - All other areas		X		